Tribhuwan University

Institute of Science and Technology

Fundamentals of Computer Programming

2068

Full Marks : 60

Pass Marks : 24

Time : 3 hrs.

Attempt all questions. All question carry equal marks.

1. Write an algorithm and flow chart to determine whether a given integer is odd or even and explain it.
2. How can you declare the variable in C? Explain with example.
3. Write a program to find the factorial of a given integer.
4. Explain switch statement with example.
5. Write a program to find the largest and smallest among the given elements in an array.
6. Explain the user-defined functions and its types with example.
7. Write a program to accept two numbers and sort them with using pointer.
8. Explain the passing structure to function with example.
9. Write a program to accept any number and print the sum of that number up to a single digit through recursive function.
10. Explain the pointer to structure with example.

OR

Write short notes on:

a) Dynamic memory allocation b) Opening and Closing file

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